Appendix 5

Permit to Construct Application



DEQ AIR QUALITY PROGRAM 1410 N. Hilton, Boise, ID 83706 For assistance, call the Air Permit Hotline – 1-877-5PERMIT

PERMIT TO CONSTRUCT APPLICATION

Revision 2 02/13/07

Please see instructions on page 2 before filling out the form.

C	OMPANY	NAME, FACILITY NAME, AND FACILITY ID NUMBER				
1. Company		Idaho Milk Products				
Facility Name Milk Processing Plant 3. Facility ID No.						
Brief Pro One senten	ject Descript ce or less	tion - Construction of new milk processing plant.				
		PERMIT APPLICATION TYPE				
		New Source at Existing Facility Unpermitted Existing Sou	irce			
		ource: Permit No.: Date Issued:orcement Action: Case No.:				
4000		Major PTC				
6. Mino	TPIC I	FORMS INCLUDED				
Included	N/A	Forms	DEQ Verify			
\boxtimes		Form GI – Facility Information				
\boxtimes		Form EU0 – Emissions Units General				
	\boxtimes	Form EU1 - Industrial Engine Information Please Specify number of forms attached:				
	\boxtimes	Form EU2 - Nonmetallic Mineral Processing Plants Please Specify number of forms attached:				
	\boxtimes	Form EU3 - Spray Paint Booth Information Please Specify number of forms attached:				
	\boxtimes	Form EU4 - Cooling Tower Information Please Specify number of forms attached:				
\boxtimes		Form EU5 – Boiler Information Please Specify number of forms attached:				
	\boxtimes	Form HMAP – Hot Mix Asphalt Plant Please Specify number of forms attached:				
	\boxtimes	Form CBP - Concrete Batch Plant Please Specify number of forms attached:				
\boxtimes		Form BCE - Baghouses Control Equipment				
\boxtimes		Form SCE - Scrubbers Control Equipment				
\boxtimes		Forms EI-CP1 - EI-CP4 - Emissions Inventory- criteria pollutants (Excel workbook, all 4 worksheets)				
\boxtimes		PP - Plot Plan				
\boxtimes		Forms MI1 – MI4 – Modeling (Excel workbook, all 4 worksheets)				
\boxtimes		Form FRA – Federal Regulation Applicability				

Ne al	DEQ USE ONLY
	Date Received
	Project Number
Pay	ment / Fees Included?
Y	′es ☐ No ☐
	Check Number



DEQ AIR QUALITY PROGRAM 1410 N. Hilton, Boise, ID 83706 For assistance, call the Air Permit Hotline – 1-877-5PERMIT

PERMIT TO CONSTRUCT APPLICATION

03/26/07

Please see instructions on page 2 before filling out the form. All information is required. If information is missing, the application will not be processed.

	I. If information is missing, the application to include the interest of the information is missing, the application to include the includ						
Namo	Idaho Milk Products, Inc.						
Company Name							
Facility Name (if different than #1)							
Facility I.D. No.	Milk Processing Plant						
Brief Project Description:	FACILITY INFORMATION						
	T						
Owned/operated by:	Federal government County government City government						
(Vif applicable) Primary Facility Permit Contact	Tom Myers, President						
PersonTitle	(805) 341-1214 tysenter@aol.com						
Telephone Number and Email Address							
Alternate Facility Contact Person/Title	Aaron Baker, Project Manager						
Telephone Number and Email Address	(801) 381-5850 abaker@big-d.com						
0. Address to which permit should be sent	165 South 100 East						
1. City/State/Zip	Jerome, Idaho 83338						
2. Equipment Location Address (if different							
than #10)	Jerome, Idaho 83338						
3. City/State/Zip	[7] XI NO						
14. Is the Equipment Portable?	Primary SIC: 2023 Secondary SIC (If any): NAICS: 311514						
15. SIC Code(s) and NAISC Code	Primary sic. 2000						
16. Briof Queiness Description and Principa Product	The facility will process protein powders, leaves						
	None						
17. Identify any adjacent or contiguous faci that this company owns and/or operates	PERMIT APPLICATION TYPE						
	New Source at Existing Facility Onpermitted						
	Modify Existing Source: Permit No.:						
18. Specify Reason for Application	Permit Revision Required by Enforcement Action: Case No.:						
	CERTIFICATION						
IN ACCORDANCE WITH IDAPA 58.01.01.	123 (RULES FOR THE CONTROL OF AIR POLLUTION IN IDAHO), I CERTIFY BASED ON INFORMATION AND AIR POLLUTION IN THE DOCUMENT ARE TRUE, ACCURATE, AND COMPLETE.						
19. Responsible Official's Name/fill	I Decident						
	MATURE						
20. RESPONSIBLE OFFICIAL SIG	would like to review a draft permit prior to final issuance.						

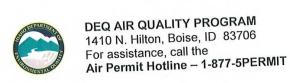
DEQ AIR QUALITY PROGRAM 1410 N. Hilton, Boise, ID 83706 For assistance, call the Air Permit Hotline – 1-877-5PERMIT

PERMIT TO CONSTRUCT APPLICATION

ease see instructions on page 2	TOTAL SE	IDE	NTIFICATION	ON	WELLY WEST	No Service Control of the		
ompany Name:		Facility Nan	ne:		Facility ID N	1 0:		
aho Milk Products		Milk Proces						
		Constructio	n of a new r	nilk processir	g plant			
ief Project Description:	IONS U	NIT (PROCES	S) IDENTI	ICATION &	DESCRIPTION			
Emissions Unit (EU) Name:		M MILK DRYER						
EU ID Number:	P101							
EU Type:	57	Source Unication to a Perm	npermitted Exi itted Source	sting Source Previous Permi	#: Date Issue	ed:		
Manufacturer:	MAXON							
Model:		FIRE LOW NOX						
Maximum Capacity:	3609 LB	/HR MPC / 8142	LB/HR SKIM /	40MMBTU/HR				
Date of Construction:	2007-20	08						
. Date of Modification (if any)					Water to the second with the s			
Is this a Controlled Emission Unit?	□ No				. If No, go to line 18.			
AND A SECOND OF STREET		EMISSIONS			United the Maria			
Control Equipment Name and ID:		BAGHOUSES / P101A & P101B						
11. Date of Installation:		2007-2008 12. Date of Modification (if any):						
13. Manufacturer and Model Number:		CER CER-400						
14. ID(s) of Emission Unit Controlled:		P101						
5. Is operating schedule different than e	mission							
units(s) involved?: 16. Does the manufacturer guarantee the	control	□Yes □No	(If yes, attach	and label manuf	acturer guarantee)			
efficiency of the control equipment?				Pollutant Con	trolled			
Control Efficiency	PM .57 skim/ .49 MPC	PM10 97.57 skim/ 94.49 MPC	SO ₂	NOx	voc	со		
17. If manufacturer's data is not available	e attach a	coparate sheet o	of paper to prov	ide the control e	quipment design specif	ications and performance da		
EMISSION	UNIT C	PERATING	SCHEDULE	(hours/day	hours/year, or ot	ner)		
18. Actual Operation	20 HR/D	AY 7,300 HOURS	S/YEAR					
19. Maximum Operation	8,760 HC	3,760 HOURS/YEAR						
医角层处层外经验 医上颌后	CAN		QUESTED			September 19 19 19 19 19 19 19 19 19 19 19 19 19		
20. Are you requesting any permit lim	its?	Yes N	lo (If Yes, ch	eck all that apply	below)			
Operation Hour Limit(s):								
☑ Production Limit(s):	36	09 LB/HR MPC	8142 LB/HR	SKIM				
☐ Material Usage Limit(s):								
☐ Limits Based on Stack Testing	P	ease attach all re	elevant stack te	sting summary	reports			
Other:								
21. Rationale for Requesting the Lim	T	HESE ARE DESI	CN BASIS MA	XIMUM PRODU	ICTION RATES			



ease see instructions on page 2		IDE	NTIFICATIO	N	影響的學習新聞的	ACOND STANDARD SAND		
Namo:		Facility Nar	me:		Facility ID N	0:		
ompany Name:		Milk Proces						
aho Milk Products		Construction	on of new mil	k processing	plant.			
ief Project Description:	NONO III	UT (DROCE	SS) IDENTIF	ICATION &	DESCRIPTION			
	SIONS UI	MANUEL LIID	RED					
Emissions Unit (EU) Name:		MPC/SKIM MILK FLUID-BED						
EU ID Number:	P102	П	Inpermitted Exis	eting Source				
EU Type:		cation to a Perr	nitted Source	Previous Permi	t #: Date Issue	ed:		
Manufacturer:	C/E/ROC							
Model:		IM MILK FLUID						
Maximum Capacity:	5,976 LE	HR MPC / 13,4	191 LB/HR SKIN	Λ				
Date of Construction:	2007-20	80						
. Date of Modification (if any)				II	If No. go to line 18			
. Is this a Controlled Emission Unit?	□ No	✓ Yes If Yes,	Complete the f	ollowing section	. If No, go to line 18.			
	4(2)		CONTROL					
0. Control Equipment Name and ID:		FLUID-BED BAGHOUSE / P102 2007-2008 12. Date of Modification (if any):						
11. Date of Installation:		200.		ification (if any)				
13. Manufacturer and Model Number:		C/E/ROGERS	CER-78					
14. ID(s) of Emission Unit Controlled:		P102						
15. Is operating schedule different than	emission		⊠ No					
units(s) involved?: 16. Does the manufacturer guarantee t	ne control	□Yes □No	(If yes, attach	and label manu	facturer guarantee)	1112		
efficiency of the control equipment?		APPENDING TO THE PROPERTY OF T		Pollutant Cor	ntrolled			
	PM	PM10	SO ₂	NOx	VOC	СО		
9	9.84 MPC/	99.84 MPC/						
		99.94skim	f to prov	ide the control i	equipment design specif	ications and performance d		
Control Efficiency 17. If manufacturer's data is not availal	ole, attach a	separate sheet Perfromance	guarantee from	C/E/Rogers	94-1			
to support the above mentioned contro	NI LINUT (DEPATING	SCHEDULE	(hours/day	, hours/year, or ot	her)		
EMISSIC	N UNIT C	AY / 7,300 HOL	IRS/YEAR					
18. Actual Operation			710/12/11					
19. Maximum Operation	8,760 HG	OURS/YEAR	EQUESTED	LIMITS				
		THE RESIDENCE OF THE PARTY OF T	No (If Yes, ch		y below)			
20. Are you requesting any permit li	mits?	Yes L	No (II les, ci	Colt all triat app	,			
☐ Operation Hour Limit(s):				D CKIM				
☑ Production Limit(s):	5,	976 LB/HR MP	C / 13,491 LB/H	K SKIIVI				
☐ Material Usage Limit(s):				eting summari	renorts			
☐ Limits Based on Stack Testi	ng P	lease attach all	relevant stack t	esting summary	Topolto			
Other:								
21. Rationale for Requesting the Li	mit(s).	AXIMUM DESI	GN PRODUCTI	ON RATES				



ase see instructions on page 2		ID	ENTIFICATIO	N				
THE STATE OF THE S		Facility Na	me:		Facility ID N	No:		
ompany Name:			Milk Processing Plant					
aho Milk Products		Constructi	on of a new m	ilk processing	plant			
ef Project Description:		UT (DBOCE	SS) IDENTIF	ICATION & D	ESCRIPTION			
			.33) 152.					
Emissions Unit (EU) Name:		TE DRYER						
EU ID Number:	P103	The amitted Existing Source						
EU Type:		ication to a Per	mitted Source	Previous Permit	#: Date Issu	ed:		
Manufacturer:	MAXON		TO SUBMED					
Model:	CROSS	FIRE LOW NO	X LINE BURNER	TUUD				
Maximum Capacity:	7,867 LI	B/HR PERMEA	TE / 12,000,000 F	310/ПК				
Date of Construction:	2007-20	800						
Date of Modification (if any)				-llowing section	If No, go to line 18.			
Is this a Controlled Emission Unit?	☐ No	⊠ Yes If Yes	s, Complete the to	FOLUBMENT				
		The Party of the P	S CONTROL	EQUIPMEN				
0. Control Equipment Name and ID:		SCRUBBER /		:rtion (if any):				
1. Date of Installation:		2007-2008 12. Date of Modification (if any):						
3. Manufacturer and Model Number:		CER / CER-V	VSS					
4 ID(s) of Emission Unit Controlled:		P103						
5. Is operating schedule different than	emission	☐ Yes	⊠ No					
inits(s) involved?:		□Yes □N	o (If yes, attach	and label manufa	acturer guarantee)			
efficiency of the control equipment?				Pollutant Con	trolled	CO		
	PM	PM10	SO ₂	NOx	VOC	00		
. =		87						
Control Efficiency 17. If manufacturer's data is not available to the control of		t- shoc	ot of paper to prov	ide the control e	quipment design spec	ifications and performance d		
17. If manufacturer's data is not availa to support the above mentioned contr	ible, attach a	a separate snee Performance	guarantee from	C/E/Rogers				
to support the above mentioned control	TIMIT NO	OPERATING	SCHEDULE	(hours/day,	hours/year, or o	other)		
	20 HB/	DAY / 7300 HO	JRS/YEAR					
18. Actual Operation		OURS/YEAR						
19. Maximum Operation	0,700		REQUESTED	LIMITS		White and the second		
	i vita C		No (If Yes, ch		/ below)			
20. Are you requesting any permit	limits?	△ 165 L						
Operation Hour Limit(s):		PART L DUID DE	RMEATE POWD	ER				
□ Production Limit(s):		867 LB/HK FL	KWIEATET					
☐ Material Usage Limit(s):		Di citoch o	II relevant stack t	esting summary	reports			
	ina	Please attach a	ii icicvant stack t					
☐ Limits Based on Stack Test	9							



ease see instructions on page	z perore ii	ming out the	ENTIFICATION	N	2000 / March 2 (2)	The same of the sa	
AND A DESTRUCTION	出版。此				Facility ID No	0:	
ompany Name:		Facility Na			, demy		
laho Milk Products			essing Plant	ina	nlont		
ief Project Description:		Construct	ion of new mil	k processing	DESCRIPTION	STATE OF A STATE OF	
EMIS				ICATION & I	DESCRIPTION		
Emissions Unit (EU) Name:	PERME	PERMEATE FLUID-BED					
EU ID Number:	P104	P104 New Source Unpermitted Existing Source					
EU Type:	⊠ New ☐ Modi	Source fication to a Per	d:				
Manufacturer:	C/E/RO	GERS					
Model:		ATE FLUID-BE					
Maximum Capacity:	9,096 lb	/hr Permeate p	owder				
. Date of Construction:	2007-20	008					
. Date of Modification (if any)					If No. go to line 18		
. Is this a Controlled Emission Unit?	□ No	✓ Yes If Yes	s, Complete the f	ollowing section.	If No, go to line 18.		
(基本) (基本)	2612		S CONTROL				
0. Control Equipment Name and ID:		FLUID-BED B	AGHOUSE / P10				
11. Date of Installation:		2007-2008 12. Date of Modification (if any):					
3. Manufacturer and Model Number:		C/E/ROGERS	S, CER-216				
14. ID(s) of Emission Unit Controlled:		P104					
15. Is operating schedule different tha	n emission	☐ Yes	⊠ No				
units(s) involved?: 16. Does the manufacturer guarantee	the control	□Yes □No	o (If yes, attach	and label manuf	acturer guarantee)		
efficiency of the control equipment?			Pollutant Controlled				
	PM	PM10	SO ₂	NOx	voc	со	
Control Efficiency	99.90%	99.9					
17. If manufacturer's data is not avail		a congrate shee	ot of paper to prov	ide the control e	equipment design specifi	cations and performance d	
 If manufacturer's data is not avail to support the above mentioned cont 	ol efficiency.	Performance	guarantee from	C/E/Rogers			
EMISSI	ON UNIT	OPERATING	SCHEDULE	(hours/day,	, hours/year, or oth	her)	
18. Actual Operation	20 HR/E	AY / 7300 HOL	JRS/YEAR				
Constitut	A STATE OF THE PARTY OF THE PAR	OURS/YEAR			THE STATE OF THE S		
19. Maximum Operation		PART E	REQUESTED	LIMITS		北京的公司公司公司	
20. Are you requesting any permit	limits?	⊠ Yes □] No (If Yes, ch	eck all that apply	y below)		
☐ Operation Hour Limit(s):				-D			
☑ Production Limit(s):	9	096 LB/HR PEI	RMEATE POWD	=r<			
☐ Material Usage Limit(s):				esting summary	reports		
☐ Limits Based on Stack Tes	ting F	Please attach al	l relevant stack to	esung summary	Topolto		
Other:				ONDATE			
21. Rationale for Requesting the	_imit(s):	MAXIMUM DES	IGN PRODUCTI	UN KATE			



lease see instructions on page 2	before fi	illing out the	form.				
icase dos menuellos per	120-10	ID.	ENTIFICATION	N		这个人的是一个一个人的	
Company Name:		Facility Na	ame:		Facility ID	No:	
daho Milk Products		Milk Proce	essing Plant				
i-f Preject Description:		Constructi	ion of new mi	lk processing	plant.		
rief Project Description:	IONS U	NIT (PROCE	SS) IDENTI	FICATION & I	DESCRIPTION		
	PERME	ATE POWDER	RECEIVING				
Emissions Unit (EU) Name: EU ID Number:	P105						
EU ID Number:	57.11	 New Source ☐ Unpermitted Existing Source ☐ Modification to a Permitted Source Previous Permit #: Date Issued: 					
Manufacturer:	C/E/RO	GERS					
. Model:	PERME	ATE POWDER	RECEIVING				
Maximum Capacity:	9096 LE	3/HR PERMEAT	E POWDER				
Date of Construction:	2007-20	008					
B. Date of Modification (if any)							
Is this a Controlled Emission Unit?	□No				If No, go to line 18.		
		EMISSION	S CONTROL	EQUIPMENT	2000年,李明建		
Control Equipment Name and ID:		BAGHOUSES					
Date of Installation:		2007-2008 12. Date of Modification (if any):					
3. Manufacturer and Model Number:		NU-Cor / NCR	₹D 84-21-3T				
14. ID(s) of Emission Unit Controlled:		P105					
15. Is operating schedule different than e			⊠ No				
16. Does the manufacturer guarantee the	e control	□Yes □No	(If yes, attach		acturer guarantee)		
efficiency of the control equipment?				Pollutant Cont		CO	
	PM	PM10	SO ₂	NOx	VOC	CO	
Control Efficiency 9	9.9995%	99.9995					
17. If manufacturer's data is not available	emblemov.	Citotimenter	9			The second secon	
EMISSIO	N UNIT (DPERATING	SCHEDULE	(hours/day,	hours/year, or o	ther)	
18. Actual Operation	20 HR/D	AY 7300 HOUF	RS/YEAR				
19. Maximum Operation	8,760 H	,760 HOURS/YEAR					
19. Maximum operation		R	EQUESTED	LIMITS			
20. Are you requesting any permit lim	nits?	Yes 🗆	No (If Yes, ch	eck all that apply	below)		
Operation Hour Limit(s):							
☑ Production Limit(s):	91	096 LB/HR PER	RMEATE POWD	ER			
☐ Material Usage Limit(s):					phorts		
☐ Limits Based on Stack Testing	P	lease attach all	relevant stack te	esting summary re	eports		
Other:							
21. Rationale for Requesting the Lim	nit(s):	MAXIMUM DESI	IGN PRODUCTI	ON RATE			



			NTIFICATIO	N	Facility ID N	lo.		
ompany Name:		Facility Nar			Facility ID N	VO.		
aho Milk Products		Milk Proces						
		Construction	on of new milk	processing p	lant.	T 177 2 2 1 1 1 1 2 1 2 1		
er Project Description.	SIONS U	NIT (PROCE	SS) IDENTIF	ICATION & D	ESCRIPTION			
Emissions Unit (EU) Name:		DILER #1						
EU ID Number:	P106	06						
EU Type:	☐ Modif	 ✓ New Source ☐ Unpermitted Existing Source ☐ Modification to a Permitted Source Previous Permit #: Date Issued: 						
Manufacturer:		OR BOILER WO						
Model:	SUPER	SEMIINOLE 400	00 (OR EQUIVA	LENT)				
O-manihu:	33,475,0	000 BTU/HR						
=	2007-20	008						
- (14 Uffeetien (if any)					1 15 10			
. Is this a Controlled Emission Unit?	⊠ No	☐ Yes If Yes,	Complete the fo	llowing section. I	If No, go to line 18.	则是是我们不要否 到		
	三共	EMISSIONS	CONTROL	EQUIPMENT		CANSAGE COMME		
Control Equipment Name and ID: Date of Installation: Manufacturer and Model Number:			12. Date of Mod	fication (if any):				
14. ID(s) of Emission Unit Controlled:								
ittdifferent that	n emission	Yes	☐ No					
15. Is operating schedule different than								
units(s) involved?:			(If yes, attach	and label manufa	cturer guarantee)			
unita(a) involved?			(If yes, attach	and label manufa Pollutant Conti	rolled	CO		
units(s) involved?:			(If yes, attach	and label manufa Pollutant Conti NOx	rolled VOC	со		
units(s) involved?: 16. Does the manufacturer guarantee efficiency of the control equipment?	the control	□Yes □No	SO ₂	Pollutant Cont	rolled VOC			
units(s) involved?: 16. Does the manufacturer guarantee efficiency of the control equipment?	the control	□Yes □No	SO ₂	Pollutant Cont	rolled VOC			
units(s) involved?: 16. Does the manufacturer guarantee efficiency of the control equipment? Control Efficiency 17. If manufacturer's data is not availage.	PM	PM10	SO ₂	Pollutant Control NOx ide the control ec	VOC quipment design speci	fications and performance o		
units(s) involved?: 16. Does the manufacturer guarantee efficiency of the control equipment? Control Efficiency 17. If manufacturer's data is not availage.	PM	PM10	SO ₂	Pollutant Control NOx ide the control ec	VOC quipment design speci	fications and performance (
units(s) involved?: 16. Does the manufacturer guarantee efficiency of the control equipment? Control Efficiency 17. If manufacturer's data is not availate to support the above mentioned control EMISSIC	PM able, attach a ol efficiency.	PM10 a separate sheet	SO ₂	Pollutant Control NOx ide the control ec	rolled VOC	fications and performance (
units(s) involved?: 16. Does the manufacturer guarantee efficiency of the control equipment? Control Efficiency 17. If manufacturer's data is not availate to support the above mentioned control emissions. EMISSIONAL Actual Operation	PM able, attach a col efficiency. ON UNIT (8,760 H	PM10 PM10 a separate sheet OPERATING OURS/YEAR	SO ₂ of paper to prov	Pollutant Control NOx ide the control ed (hours/day,	VOC quipment design speci	fications and performance		
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units(s) involved?: 16. Does the manufacturer guarantee efficiency of the control equipment? Control Efficiency 17. If manufacturer's data is not availate to support the above mentioned control equipment? EMISSI 18. Actual Operation 19. Maximum Operation 20. Are you requesting any permit Operation Hour Limit(s): Production Limit(s):	PM able, attach a ol efficiency. ON UNIT 8,760 H 8,760 H limits?	PM10 PM10 a separate sheet OPERATING OURS/YEAR OURS/YEAR X Yes	SO ₂ of paper to prove SCHEDULE EQUESTED No (If Yes, choose)	Pollutant Control Poll	hours/year, or o	fications and performance o		



IDENTIFICATION Description: Facility Name: Milk Processing Plant Construction of new milk processing plant. EMISSIONS UNIT (PROCESS) IDENTIFICATION & DESCRIPTION EMISSIONS UNIT (PROCESS) IDENTIFICATION & DESCRIPTION Emissions Unit (EU) Name: BOILER #2 EU ID Number: P107 EU Type: Manufacturer: Model: SUPERIOR BOILER WORKS, INC. or equivalent Model: Maximum Capacity: 33,475,000 BTU/HR Date of Construction: 2007-2008	ease see instructions on page 2	2 before fi	lling out the fo	orm.					
Pacility Name: Pacility Name: Pacility Name: Pacility Name: Pacility Name: Construction of new milk processing plant	Pase see manualisms on pag	S. E. Acar	IDE	NTIFICATIO	N	公司的			
Milk Processing Plant			Facility Nan	ne:		Facility ID N	0:		
Construction of new milk processing plant.									
Emissions Unit (EU) Name: Emissions Unit (EU) Name: Enissions Unit (EU) Name: P107 EU ID Number: P107 EU Type:					processing p	lant.			
Emissions Unit (EU) Name: P107 EU ID Number: P107 EU Type: New Source Unpermitted Existing Source Previous Permit #: Date Issued: D	ief Project Description:		CONSTRUCTO	S) IDENTIF	ICATION & D	ESCRIPTION			
EUI D Number:									
EU Type:	Emissions Unit (EU) Name:	200 000	#2						
Manufacturer: SUPERIOR BOILER WORKS, INC. or equivalent Model: SUPER SEMINOLE 4000 (OR EQUIVALENT) Maximum Capacity: Date of Construction: 2007-2008 Date of Modification (if any) Is this a Controlled Emission Unit? O. Control Equipment Name and ID: 1. Date of Modification: 1. Date of Modification: 1. Date of Installation: 1. Date of Ins	EU ID Number:		- LE i-ties Course						
Model: SUPER SEMINOLE 4000 (OR EQUIVALENT) Model: 33,475,000 BTU/HR Date of Construction: 2007-2008 Date of Modification (if any)	EU Type:	☐ Modi	fication to a Perm	nitted Source I	Previous Permit 4	#: Date Issue	ed:		
Maximum Capacity: 33,475,000 BTU/HR Maximum Capacity: 2007-2008 Date of Construction: 2007-2008 Date of Modification (if any)	Manufacturer:	SUPER	IOR BOILER WO	RKS, INC. or ec	quivalent				
Date of Construction: Date of Modification (if any) Is this a Controlled Emission Unit? EMISSIONS CONTROL EQUIPMENT O. Control Equipment Name and ID: 11. Date of Installation: 13. Manufacturer and Model Number: 14. ID(s) of Emission Unit Controlled: 15. Is operating schedule different than emission Units(s): involved?: 16. Does the manufacturer guarantee the control efficiency. PM PM10 SO ₂ NOx VOC CO Control Efficiency EMISSION UNIT OPERATING SCHEDULE (hours/day, hours/year, or other) EMISSION UNIT OPERATING SCHEDULE (hours/day, hours/year, or other) 18. Actual Operation	Model:			0 (OR EQUIVA	LENI)				
Date of Construction: Date of Modification (if any) Is this a Controlled Emission Unit? Simple No Yes If Yes, Complete the following section. If No, go to line 18.		33,475,	000 BTU/HR						
. Date of Modification (if any) . Is this a Controlled Emission Unit? Semiple		2007-20	008						
Is this a Controlled Emission Unit? No					u ·ation	If No. go to line 18.			
Description Control Equipment Name and ID:		⊠ No	☐ Yes If Yes,	Complete the fo	ollowing section.	II No, go to line to			
18. Actual Operation 8,760 HOURS/YEAR 19. Maximum Operation 8,760 HOURS/YEAR 20. Are you requesting any permit limits?	13. Manufacturer and Model Number: 14. ID(s) of Emission Unit Controlled: 15. Is operating schedule different than units(s) involved?: 16. Does the manufacturer guarantee efficiency of the control equipment? Control Efficiency 17. If manufacturer's data is not available.	PM able, attach	☐ Yes ☐ No PM10 a separate sheet	☐ No (If yes, attach SO₂ of paper to prov	and label manufa Pollutant Cont NOx ride the control en	vOC quipment design speci	fications and performance		
18. Actual Operation 8,760 HOURS/YEAR 19. Maximum Operation 8,760 HOURS/YEAR REQUESTED LIMITS 20. Are you requesting any permit limits?	to support the above mentioned contr	of efficiency	ODEDATING	SCHEDULE	(hours/day,	hours/year, or of	ther)		
19. Maximum Operation REQUESTED LIMITS 20. Are you requesting any permit limits? Operation Hour Limit(s): Production Limit(s): Material Usage Limit(s): Limits Based on Stack Testing Other: 8,760 HOURS/YEAR REQUESTED LIMITS No (If Yes, check all that apply below) 287.5 MM SCF NG/DAY BOTH BOILERS Please attach all relevant stack testing summary reports		ON UNIT	OF ENATING						
Production Limit(s): No (If Yes, check all that apply below)									
20. Are you requesting any permit limits? Operation Hour Limit(s): Production Limit(s): Material Usage Limit(s): Limits Based on Stack Testing Please attach all relevant stack testing summary reports Other:	19. Maximum Operation	8,760 F	IOUKS/TEAK	FOLIESTED	LIMITS		N. State		
☐ Production Limit(s): 287.5 MM SCF NG/DAY BOTH BOILERS ☑ Material Usage Limit(s): 287.5 MM SCF NG/DAY BOTH BOILERS ☐ Limits Based on Stack Testing Please attach all relevant stack testing summary reports ☐ Other: Other:	20. Are you requesting any permit	limits?	CONTRACTOR OF SERVICE			below)			
	☐ Operation Hour Limit(s):								
☐ Limits Based on Stack Testing ☐ Other: Please attach all relevant stack testing summary reports	☐ Production Limit(s):			O ID AV DOTU !	OII ERS				
☐ Limits Based on Stack Testing Please attach all relevant stack testing summary reports ☐ Other:			287.5 MM SCF N	G/DAY BOTH E	ooting cummany	reports			
Other:		ting	Please attach all	relevant stack to	esting summary i	- For.10			
1 1 1 2 1 2 2									
		Limit(s):	Fully redundant b	ooilers					



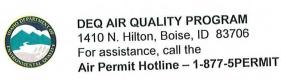
Revision 3 03/27/07

ease see instructions on page 2	DOIOIO II	عال	ENTIFICATIO	N		Library Statistics	
					Facility ID N	lo:	
ompany Name:		Facility Name: Facility 15 No.					
laho Milk Products				· · · · · · · · · · · · · · · · · · ·	olant		
ief Project Description:		Construct	tion of new mill	processing	DECERIPTION	经发展 美国	
EMIS	SIONS U	NIT (PROCI	ESS) IDENTIF	ICATION & I	DESCRIPTION		
Emissions Unit (EU) Name:	EMERG	ENCY GENERA	ATOR				
EU ID Number:	P108						
EU Type:	⊠ New ☐ Modi	New Source ☐ Unpermitted Existing Source ☐ Modification to a Permitted Source Previous Permit #: Date Issued:					
. Manufacturer:	CUMMII						
. Model:	QST30-	G5 NONROAD	2 (OR EQUIVAL	ENT)			
. Maximum Capacity:	1490 HF	0					
. Date of Construction:	2007-20	008					
Date of Modification (if any)				1 - 1	If No. go to line 18		
9. Is this a Controlled Emission Unit?	⊠ No	☐ Yes If Ye	s, complete the fo	COLUDINATION.	If No, go to line 18.		
大百年 不知识 地名美国		EMISSION	IS CONTROL	EQUIPMEN	是是不是自己的意思。		
0. Control Equipment Name and ID:							
11. Date of Installation:			12. Date of Mod	ification (if any):			
13. Manufacturer and Model Number:							
14. ID(s) of Emission Unit Controlled:							
15. Is operating schedule different than	emission		□ No				
units(s) involved? 16. Does the manufacturer guarantee t	ne control	☐ Yes [☐ No (If Yes, att	ach and label m	anufacturer guarantee)		
efficiency of the control equipment?				Pollutant Con	trolled	00	
	PM	PM10	SO ₂	NOx	voc	CO	
Outtool Efficiency							
Control Efficiency 17. If manufacturer's data is not availal	ale attach o	senarate shee	et of paper to prov	ide the control e	quipment design speci	fications and performance d	
to support the above mentioned control	M LINIT	OPERATING	G SCHEDULE	(hours/day,	hours/year, or of	ther)	
A CONTRACTOR OF THE PARTY OF TH	1 hour/w						
18. Actual Operation		URS/YEAR					
19. Maximum Operation	300 110		REQUESTED	LIMITS			
		W. S. L. S.		eck all that apply	below)		
20. Are you requesting any permit li		3 100		Sour am anar appro			
○ Operation Hour Limit(s):	5	00 HOURS/YE	AR				
☐ Production Limit(s):							
☐ Material Usage Limit(s):				eting cummany	renorts		
☐ Limits Based on Stack Testi	ng F	Please attach a	II relevant stack te	sung summary	- CPOITO		
Other:				224			
21. Rationale for Requesting the Li	mit(s)	Source is exem	pt				

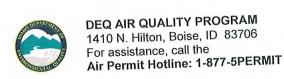


02/13/07

ase see instructions on page 2 b	efore filling out the for	m.	100 X 电路分配数	178 MANAGEM		
	IDEN	ITIFICATION	Facility ID No	:		
ompany Name:	Facility Nam					
aho Milk Products	Milk Process	sing Plant	cing plant			
ief Project Description:	THE RESERVE OF THE PARTY OF THE	n of a new milk proces				
A STATE OF THE LOCAL PROPERTY OF THE PARTY O		XEMPTION	t from Permit to Const	ruct requirements.		
ease see IDAPA 58.01.01.222 fo	r a list of industrial bi r (EMISSION UNIT) Di	SCRIPTION AND SP	ECIFICATIONS			
Boile	(EMISSION UNIT) DI	Modification	on to a unit with Permit#	t:		
Type of Request New Unit	Unpermitted Existi	I For Space Heat	☐ % Used For Generating	ng Electricity		
∴ Use of Boiler: ∴ Use Of Boiler:	or Process	d For Space rious				
. Boiler ID Number: P106	4. Rated Capac	sity: 33.48 Million E	British Thermal Units Pel Pounds Steam Per Houl	r (1,000 lb steam/hr)		
Construction Date: 2007-200	8 6. Manufacture	r: Superior	7. Model: Super Ser	minole 4000		
. Construction Bates		er (if available):	10. Control Device (if a	any):		
3. Date of Modification (if applicab	le): 9. Senai Numb	or (ii availais)	Note: Attach applicable control equipme form(s)			
	THE DECCRIP	TION AND SPECIFICA				
		Natural Gas	☐ Coal	Other Fuels		
1. Fuel Type	Diesel Fuel (#) (gal/hr)	(cf/hr)	(unit: /hr)	(unit: /hr)		
2. Full Load Consumption		32,819 scf/hr				
Rate		32,819 scf/hr				
13. Actual Consumption Rate		1,020 Btu/scf				
14. Fuel Heat Content (Btu/unit, LHV)		.,,				
15. Sulfur Content wt%						
		N/A				
16. Ash Content wt%	OFFICE DESCRIPTION	IPTION AND SPECIF	CATIONS	Park mot One		
		NA NA				
17. Steam Heat Content	NA N/A	N/A				
18. Steam Temperature (°F)		N/A				
19. Steam Pressure (psi)	N/A		Saturated	Saturated		
20. Steam Type	N/A	N/A	Superheated	Superheate		
Control of the second		ING LIMITS & SCHEE	DULE			
21. Imposed Operating Limits	(hours/year, or gallons	fuel/year, etc.):				
21. Imposed Operating Limits 22. Operating Schedule (hours	/day, months/year, etc.	.): 24 hr/day, 365 days	/yr			



ase see instructions on page 2 be		NTIFICATION			
And the second second second second	Facility Nam		Facility ID N	o:	
ompany Name:	Milk Proces				
laho Milk Products		n of a new milk proce	ssing plant		
ief Project Description:		VENDERON		AND THE STATE OF	
ease see IDAPA 58.01.01.222 for a	liet of industrial h	XEMPTION oilers that are exem	pt from Permit to Cons	struct requirements.	
ease see IDAPA 58.01.01.222 for a	EMISSION LINIT) D	ESCRIPTION AND S	PECIFICATIONS	经 。在1000年代	
A Navillait	Unpermitted Existi	ing Unit L Modificat	ion to a unit with Permit	#:	
Type of Request New Unit	Process \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ed For Space Heat	☐ % Used For Generat	ing Electricity	
. Use of Boiler: Other:					
. Boiler ID Number: P107	4. Rated Capac	ity: 🖾 33.48 Million	British Thermal Units Pounds Steam Per Ho	Jr (1,000 ib steamin)	
. Construction Date: 2007-2008	6. Manufacture	r: Superior	7. Model: Super Se	eminole 4000	
. Date of Modification (if applicable)			10. Control Device (if any): Note: Attach applicable control equipme		
	THE DESCRIPT	TION AND SPECIFIC	form(s)		
	AV-SULTANA NA	Natural Gas	Coal	Other Fuels	
1. Fuel Type	Diesel Fuel (#) (gal/hr)	(cf/hr)	(unit: /hr)	(unit: /hr)	
2. Full Load Consumption		32,819 scf/hr			
Actual Consumption Rate		32,819 scf/hr			
4. Fuel Heat Content (Btu/unit, LHV)		1,020 Btu/scf			
15. Sulfur Content wt%					
16. Ash Content wt%		N/A			
	STEAM DESCRI	PTION AND SPECIF	ICATIONS	The second	
17. Steam Heat Content	NA	NA			
18. Steam Temperature (°F)	N/A	N/A			
19. Steam Pressure (psi)	N/A	N/A	O-timeted	Saturated	
20. Steam Type	N/A	N/A	☐ Saturated ☐ Superheated	Superheated	
OR STANDARD OF THE PARTY	OPERATII	NG LIMITS & SCHED	DULE	企业区分子的 对处	
21. Imposed Operating Limits (ho					



Revision 0 04/02/07

Please see instru	ctions on page 3 b	efore filling out the form.			
		IDENTIFICAT	ION		acility
ama.	no Milk Products, I		me: Idaho Mil	k Products	No.:
rief Project Cor escription:		c processing plant. YOLONE SEPARATOR	INFORMATIO	ON	
	C	YCLONE SEPARATOR Equipment Desc			
		Equipment Dest	Model Numb	er: CER-94	-C <mark>yclone</mark>
Manufacturer:	rer: C.E. Rogers		Particulate Size Distribution Data		
Dimensions	Gas of H	th B B	Micron range	Particle size distribution weight %	Manufacturer's guaranteed removal efficiency for each micron range
		A L TOP	0.5-1.0	TBD	TBD
	FRONT VIEW	A S TOP VIEW	1.0-5.0	TBD	TBD
			5-10	TBD	TBD
			10-20	TBD	TBD
		Z	Over 20	TBD	TBD
Give dimensions of o		Type of Cyclone	☐ Wet	☑ Dry	
	of cyclone. (See sample	Type of Cyclone Unit	⊠ Single ☐ Dual	☐ Quadruple ☐ Multiclone	
	1. B: 25.5 in.	5. Z: 212 in.	Blower	Blower hors	epower: 200 hp
	2. H: 51.0 in.	6. D: 94 in.		Design flow	rate: scfm
	3. S: 39.0 in.	7. A: 46 in.		Draft: 🛛 F	orced Induced
	4. L: 138 in.	8. J: 42 in.	-		
Design Criteria	Cyclone configur	ation: Positive pressure			aghouse/Cartridge
Pre- Treatment Device	☐ Cyclone ☐ Precooler ☐ Preheater	☐ Knock-out chamber ☑ None	Post- Treatmer Device	-	ΞPA

	Process Stream Characteristics				
Brief	.Air laden with milk protein concentrate powder enters the cyclone from a vertical spray dryer.				
escription of Process	Powder discharges from the cyclone through a rotary air lock.				
	Clean air discharges unit and is further processed in a baghouse collector.				
Flow Data	Gas stream temperature: 190 degrees F				
	Moisture content: 0.054 grams of water/cubic feet (ft ³) of dry air				
	Pressure drop range High: 10.0 in. H ₂ O Low: 5.0 in. H ₂ O				
	Dew point temperature of process stream: 117 degrees F				
	Inlet flow rate: 35,000 ACFM Rotary airlock values Screw conveyors Closed container				
Dust Collection Device	Pneumatic conveyor Rotary allock values Goldward				
28 25 2	☐ Double dump ☐ Drag conveyor				
	☐ Manual discharge device: ☐ Slide gate OR ☐ Hinged doors or drawers 7 days/week 50 weeks/year				
Operating	Normal: 20 hours/day 7 days/week 50 weeks/year Normal: 23 hours/day 7 days/week 52 weeks/year				



Revision 0 04/02/07

Please see instructions on page 3 before filling out the form.

Please see ins	structions on page 3 before fill	ing out the form.			William Co.
20 Car 20 E	a section of the section of	IDENTIFICAT			acility
ame:	daho Milk Products, Inc.	Facility Na	me: Idaho Milk	Products ID	No.:
ief Project(escription:	Construction of a milk proces				E Parker Carlotte
		E SEPARATOR		ON	A TANK I WAS IN
		Equipment Desc		or: CER-10	4-Cyclone
/lanufacture	C.E. Rogers		Model Number: CER-104-Cyclone Particulate Size Distribution Data		
Dimensions	Gas out Gas in	B B	Micron range	Particle size distribution weight %	Manufacturer's guaranteed removal efficiency for each micron range
	FRONT A S	L TOP	0.5-1.0	TBD	TBD
	FRONT IAI S	VIEW	1.0-5.0	TBD	TBD
	-	¥.	5-10	TBD	TBD
			10-20	TBD	TBD
		Z	Over 20	TBD	TBD
			Type of Cyclone	□Wet	⊠ Dry
	Give dimensions of cyclone diagram above.)	e. (See sample	Type of Cyclone Unit	⊠ Single □ Dual	☐ Quadruple ☐ Multiclone
	2. H: 49 in. 6 3. S: 7.35 in. 7	7. A: 47 in. 7. A: 47 in. 3. J: 32.5 in.	Blower	Blower horse Design flow Draft: X Fo	
Design Criteria	Cyclone configuration:	Positive pressure			shauga/Cartridge
Pre- Treatment Device	☐ Cyclone ☐ Knock ☐ Precooler ☒ None ☐ Preheater	-out chamber	Post- Treatment Device	HE	ghouse/Cartridge PA ner: wet scrubber

	Process Stream Characteristics				
Brief	.Air laden with milk permeate powder enters the cyclone from a vertical spray dryer.				
Description of Process	Powder discharges from the cyclone through a double wafer air lock.				
	Clean air discharges unit and is further processed in a wet scrubber.				
Flow Data	Gas stream temperature: 112 degrees F Moisture content: 0.0422 grams of water/cubic feet (ft³) of dry air Pressure drop range High: 8.0 in. H ₂ O Low: 4.0 in. H ₂ O				
	Dew point temperature of process stream: 99 degrees F Inlet flow rate: 26,600 ACFM				
Dust Collection Device	☐ Pneumatic conveyor ☐ Rotary airlock values ☐ Screw conveyors ☐ Closed container ☐ Double dump ☐ Drag conveyor				
Operating Schedule	☐ Manual discharge device: ☐ Slide gate OR ☐ Hinged doors or drawers Normal: 20 hours/day 7 days/week 50 weeks/year Maximum: 23 hours/day 7 days/week 52 weeks/year				